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HOPKINS & THOMAS

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Suite 1500
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Atlanta, Georgia 30339-5968
U.S.A.

INTERNATIONAL PATENT
TRADEMARK AND COPYRIGHT LAW
AND RELATED LITIGATION

Telephone (404) 951-0931
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- Of Counsel -
David P. Kelley*
Charles H. Pails

* Registered Patent Attorney
D.C. Bar Only

TELECOPY INFORMATION SHEET

NOTICE: CONFIDENTIAL INFORMATION

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TO: M. Einmann	Telecopier No: 703-305-3600
FROM: Denise Humphrey	DATE: 7-20-95
CLIENT: 1520-9-010	PAGES (including cover) 16

This facsimile is transmitted from a Muratec F-85. If you experience any difficulties in receiving this facsimile, please call the office at (404) 951-0931.

COMMENTS:

Mrs. Einmann,
Enclosed please find the Certificate Under
37 CFR 3.73(b) and the New Power of attorney
mailed to the Patent Office on 7/18/95 regarding
Serial No. D8/206,405.

Please do not hesitate to call should you
require additional information.

Sincerely,
Denise Humphrey

Honorable Commissioner of
Patents and Trademarks

Sir: Please acknowledge receipt of the enclosed:

New Appln. (Pat. DS TM SM)
 Declaration Sheets of Drawings
 Formal Informal
 Filing Fee (\$)
 Verified Small Entity Statement
 Maintenance Fee (\$)
 Petition for EOT to: / (\$)
 Amendment Assignment
 Certificate of Mailing 7/18/95
 Date Due: /
 Other Certificate Under
37 CFR 3.73(b)

Applicant: Riggs et al.
For: Dye Diffusire...
Serial No.: 08/204,405
Filed: March 7, 1994
Our File: 1520-9-C10

Respectfully submitted,
HOPKINS & THOMAS
Attorneys for Applicant

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Riggins et al. ✓

Serial No.: 08/206,405 ✓

Filed: March 7, 1994 ✓

For: DYE DIFFUSION PROMOTING
AGENTS FOR ARAMIDS ✓

Group Art Unit: 1105 ✓

Examiner: Einsmann, M. ✓

Docket No.: 1S20-9-010

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

July 18, 1995

Sir:

Enclosed please find a Certificate Under 37 C.F.R. 3.73(b) submitted in response to the communication from the Examiner mailed on June 28, 1995. If the Examiner has any questions or comments regarding this response, the Examiner is encouraged to telephone the undersigned attorney.

Respectfully submitted,

Collen A. Beard
Collen A. Beard
Registration No. #38,824

HOPKINS & THOMAS
100 Galleria Parkway, N.W.
Suite 1500
Atlanta, Georgia 30339
(404) 951-0931
Docket No.: 1S20-9-010

I hereby certify that this correspondence is being
deposited with the United States Postal Service in
first class mail in an envelope addressed to the
Commissioner of Patents and Trademarks,
Washington, DC 20231, on July 18, 1995.

Denise Humphrey
Signature

15
8/3/95 D.W.

C ERTIFICATE UNDER 37 C.F.R. 3.1(b)

Applicant: Southern Mills, Inc.

Application No. 08/206,405

Filed: 03/07/94

For: Dye Diffusion Promoting Agents for Aramids

Southern Mills, Inc.

(Name of Assignee)
(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

certifies that it is the assignee of the entire, right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 6063, frame Q653, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: Phillip H. Riggins To: Burlington Industries, Inc.
The document was recorded in the Patent and Trademark Office at Reel 6063, Frame Q653, or for which a copy thereof is attached.

2. From: John H. Hansen To: Burlington Industries, Inc.
The document was recorded in the Patent and Trademark Office at Reel 6063, Frame Q653, or for which a copy thereof is attached.

3. From: Burlington Industries, Inc. To: Southern Mills, Inc.
The document was recorded in the Patent and Trademark Office at Reel 7463, Frame Q650, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 7/14/95

Name: W. D. Ellis Jr.

Title: Chairman / CEO

Signature: W. D. Ellis Jr.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 04/24/92
TO:
NIXON & VANDERHYE P.C.
ARTHUR R. CRAWFORD
2200 CLARENDON BLVD., 14TH FLOOR
ARLINGTON, VA 22201

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION
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PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON
THIS NOTICE, PLEASE SEND A REQUEST FOR CORRECTION TO: U.S. PATENT AND
TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35,
WASHINGTON, D.C. 20231

ASSIGNOR: RIGGINS, PHILLIP H. DOC DATE: 03/11/92

ASSIGNOR: HANSEN, JOHN H. DOC DATE: 03/10/92

RECORDATION DATE: 03/16/92 NUMBER OF PAGES 002 REEL/FRAME 6063/0653

DIGEST :ASSIGNMENT OF ASSIGNS INTEREST

ASSIGNEE:
BURLINGTON INDUSTRIES, INC.
A CORP. OF DELAWARE
3330 W. FRIENDLY AVENUE
GREENSBORO, NORTH CAROLINA

SERIAL NUMBER 7-851781 FILING DATE 03/16/92
PATENT NUMBER ISSUE DATE 00/00/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attn. 11-702 *H/D*
H. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Atty. 11-702 *H/D*
C. M.

07/851781

Sir:

Date: March 16, 1992

Attached for filing is the patent application of:

Inventors: Phillip H. RIGGINS and John H. HANSEN

Entitled: DYE DIFFUSION PROMOTING AGENTS FOR
ARAMIDS

and including attachments as noted below:

Declaration, Abstract,
 38 pages of specification and claims (including 64 numbered claims),
 sheets of accompanying drawing/s
 Record & return the attached assignment to the undersigned
 Priority is hereby claimed under 35 USC 119 based on filing in 11
 application(s) No(s). filed on , respectively.
 Certified copy(ies) attached or already filed on , respectively,
 in U.S. application Serial No. , filed .
 Verified statement establishing "small entity" status under Rules 9 &
 27.
 Preliminary amendment to claims (attached hereto), to be entered
 before calculation of the fee below.
 Also attached:

FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY HEREWITH CANCELLED

Basic filing fee	\$ 690.00
Total effective claims 64 - 20 = 44 x \$20	\$ 880.00
Independent claims 21 - 3 = 18 x \$72	\$ 1296.00
If any <u>proper</u> multiple dependent claims, add \$220 *.....	\$ 220.00
* (Ignore if improper claims)	
SUBTOTAL	
If "small entity," then enter half (1/2) of subtotal and subtract - \$(0)	\$ 3086.00

<input checked="" type="checkbox"/> TOTAL FILING FEE ENCLOSED	\$ 3086.00
Assignment recording fee (\$40.00).....	\$ 40.00

TOTAL FEE ENCLOSED \$ 3126.00

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

2200 Clarendon Blvd.
14th Floor
Arlington, VA 22201
Tel: (703) 875-0400

NIXON & VANDERHYKE P.C.
By Atty: Arthur R. Crawford, Reg. No. 25,327

Signature: Arthur R. Crawford

ARC:pc

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ASSISTANT BRANCH
MAIL ROOM
MAY 6 1992
MURKIN

U/851781

11-702

ASSIGNMENT

WHEREAS, Phillip H. Riggins and John H. Hansen, (hereinafter ASSIGNORS) both of Greensboro, North Carolina, have invented a certain improvement in DYE DIFFUSION PROMOTING AGENTS FOR ARAMIDS for which a so-entitled application for Letters Patent of the United States, is being concurrently executed herewith;

WHEREAS, BURLINGTON INDUSTRIES, INC. (hereinafter ASSIGNEE), a corporation of the State of Delaware, having an office and place of business at 3330 W. Friendly Avenue, Greensboro, North Carolina is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, ass. gns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

3/11/92

Date

Phillip H. Riggins
Phillip H. Riggins

3/11/92

Date

John H. Hansen
John H. Hansen

Date

Witnessed by:

Name: Paul M. Sorkin
Name: Paul M. Sorkin

MAR 16 92

Date:

3/16/92

(for Hansen)

Date: 3/11/92

(for Riggins)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 02, 1995

PTAS

COLLEN A. BEARD
HOPKINS & THOMAS
100 GALLERIA PARKWAY
SUITE 1500
ATLANTA, GA 30339



100005201A

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/04/1995

REEL/FRAME: 7463/0650
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

BURLINGTON INDUSTRIES, INC.

DOC DATE: 12/16/1994

ASSIGNEE:

SOUTHERN MILLS, INC.
6501 MALL BOULEVARD
UNION CITY, GEORGIA 30291

SERIAL NUMBER: 08206405
PATENT NUMBER:

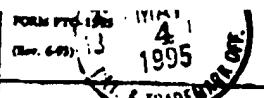
FILING DATE: 03/07/1994
ISSUE DATE:

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

JUL 13 1995

HOPKINS & THOMAS



UD-22-1995



100005202

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Send documents or copy thereof.

1. Name of conveying party(ies):

Burlington Industries, Inc.

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: December 16, 1994

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.: 08/206,405

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Collen A. Beard
Hopkins & Thomas
100 Galleria Parkway
Suite 1500
Atlanta, Georgia 30339

6. Total number of applications/patents involved:

[1]

7. Total fee (37 CFR 3.41):

\$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit Account Number: 20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original documents.

Collen A. Beard

Name of Person Signing

120-9-000

Collen A. Beard p-38,824

May 1, 1995

Total number of pages including cover sheet, enclosures, and documents: [5]

080 JB 05/15/95 08206405 1 581 40.00 CK

Mail documents to be recorded with required space sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Burlington Industries, Inc., a Delaware corporation of 3330 West Friendly Avenue, Greensboro, North Carolina 27410 (hereinafter referred to as ASSIGNOR) is the owner of the application for United States Letters Patent listed on Schedule A attached hereto (the "Patent Application"); and

WHEREAS, Southern Mills, Inc., a Georgia corporation of 6501 Mall Boulevard, Union City, Georgia 30291, (hereinafter referred to as ASSIGNEE) is desirous of acquiring an interest in the Patent Application;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto the said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to the Patent Application, the same to be held and enjoyed by the said ASSIGNEE, its successors, assigns and legal representatives, as fully and entirely as the same would have been held by the said ASSIGNOR had this assignment and sale not been made .

IN WITNESS WHEREOF, the undersigned has caused this instrument to be executed as of the 16th day of December, 1994 by its duly authorized officer.

BURLINGTON INDUSTRIES, INC.

By John H. Whaling
Title: Vice President

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF GUILFORD

On this 16th day of December, 1994, before me personally appeared Peter S. Whaling, to me known and known to me to be the individual described in and who executed the foregoing instrument and acknowledged to me that he executed the same as the Vice President of the above noted corporation and that he was duly authorized to execute the same as the act of and on behalf of said corporation.

Jane Neugent
Notary Public

My Commission Expires:

Nov. 25, 1999

Schedule A

PATENT APPLICATION

<u>Series Code & Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
08/206,405	03/07/94	John H. Hansen & Phillip H. Riggins	Dye Diffusion Promot- ing Agents for Aramids

**Honorable Commissioner of
Patents and Trademarks**

Sir: Please acknowledge receipt of the enclosed:

New Appln. (Pat. DS TM SM)
 Declaration Sheets of Drawings
 (Formal Informal)
 Filing Fee (\$)
 Verified Small Entity Statement
 Maintenance Fee (\$)
 Petition for EOT to: (\$)
 Amendment Assignment
 Certificate of Mailing 1/18/95
 Date Due:
 Other New Power of Atty

Applicant: Pigani et al.
For: Dye Diffusion
Serial No.: 08/206,405
Filed: March 7, 1994
Our File: 1520-9-C10

Respectfully submitted,
HOPKINS & THOMAS
Attorneys for Applicant

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
Riggins *et al.*)
Serial No.: 08/206,405)
Filed: March 7, 1994)
For: DYE DIFFUSION PROMOTING)
AGENTS FOR ARAMIDS)

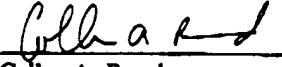
Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

July 18, 1995

SUBMISSION OF NEW POWER OF ATTORNEY
Sir:

Applicant hereby submits the Power of Attorney by Assignee of Entire Interest
(Revocation of Prior Powers).

Respectfully submitted,


Collen A. Beard
Registration No. 38,824

HOPKINS & THOMAS
100 Galleria Parkway, N.W.
Suite 1500
Atlanta, Georgia 30339
(404) 951-0931

Docket No.: 1S20-9-010

I hereby certify that this correspondence is being deposited with the United
States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks, Washington, D.C. 20231, on
7/18/95
Collen A. Beard
Signature

Attorney's Docket No. 1S20-9-010

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: 0 8 / 206,405 Group No.:
Filed: March 7, 1994 Examiner:
For: Dye Diffusion Promoting Agents for Aramids
Riggins, Phillip H. and Hansen, John N.
 Patent No: Issued:

NOTE: Insert name(s) of inventor(s) and s/s/e also for patent.

Commissioner of Patents and Trademarks
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified

application,
 patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact
all business in the Patent and Trademark Office connected therewith.

(list name and registration number)
George Thomas 22,260; Collen Beard P38,824; George Hopkins 17,411; Scott
Horstemeyer 34,183; James Kayden 31,532; Steven Kerr 32,472; Scott Sudderth
34,026; James Vaughan 31,889; David Kelley 17,420; Stephen Risley 35,659;
Charles Fails 37,616; Jon Jurgovan 34,633; Geoff Sutcliffe 36,348;
Malvern Griffin P38,899

(check the following item, if applicable)

Attached as part of this power of attorney is the authorization of the above-
named attorney(s) to accept and follow instructions from my representative(s).

(Power of Attorney by Assignee of Entire Interest (12-2)—page 1 of 2)

SEND CORRESPONDENCE TO: DIRECT TELEPHONE CALLS TO:

George M. Thomas
ROPKINS & THOMAS
100 Galleria Parkway, N.W.
Suite 1500
Atlanta, Georgia 30339

Southern Mills, Inc.
(Type or print identity of assignee of entire interest)
6501 Mall Boulevard, P.O. Box 289
(Address)
Union City, GA 30291

Recorded in PTO on 05/04/95

Reel 7463

Frame 0650

Recorded herewith

ASSIGNEE CERTIFICATION

Attached to this cover is a "CERTIFICATE UNDER 37-CFR-3.23(b)".